

LOUIS-PHILIP SHAHIM

072 998 5673 | lp.shahim6@gmail.com | NWU Potchefstroom

1. PERSONAL INFORMATION

Surname: Shahim

Name: Louis-Philip

ID Number: 9311065083083

Nationality: South African

Languages: English, Afrikaans and Lebanese

Driver's License: Code B

2. PERSONAL PROFILE

I am an ambitious and energetic student with a passion to be creative and solve problems. I believe that strong moral values should be maintained regardless of external influences. I have been told that I portray leadership qualities which contributed to the development of delegation skills, public speaking and following instructions from those ranked higher than myself. I have a great appreciation for technology and its ever changing capabilities. My love for sport has allowed me to develop interpersonal skills and to apply them to real world situations in order to solve team-based problems. The ability to develop applications throughout my educational career has allowed me to explore multiple platforms, as well as various team roles. Through these team-based projects, the sports and the leadership roles, I have been able to develop conflict resolution skills that contributed to success within these situations.

3. CAREER GOAL

My ambitions include working within an organisation and building strong interpersonal relationships with my colleagues. My career goals would be to start working within a development team and work myself up into the higher rankings. As seen in my project descriptions, I am adaptable to working in various software development languages.

4. ACADEMIC BACKGROUND

▪ Academic History

- Masters in Computer Science and Information Systems (To be completed)
- Honours in Computer Science and Information Systems
- Bachelor of Science in Information Technology
- Matric Certificate

▪ Academic Achievements

- Golden Key Membership

5. LIFE EXPERIENCE

▪ CULTURE

- Instruments which contributed the development of my dedication, hard work and commitment characteristics. These include:
 - Drums
 - Piano
- Debating team and public speaking competitions which contributed to my decisiveness and information seeking skills in order to send a particular message across to the target audience.

▪ SPORT

- 1st Team Hockey, NWU from 2012-2016
- North West U/21 Hockey Team 2013 and 2014
- North West Men's IPT 2012

▪ LEADERSHIP

- Head Boy of Saint Conrad's College 2011
- Learner's Representative Council 2009-2011
- Interact Vice President 2010
- Interact President 2011

▪ COMMUNITY ACTIVITIES

- I am currently organising an outreach project that involves teaching kids from rural schools how to use a computer. I have created an iOS application that will allow students that are involved to take photos with these children and post them onto a website.

- Tshwane Haven is a children's home that caters for abused, ill and/or neglected children. They require constant help and often rely on donations. I, along with other students, helped with the revamping of the haven by repairing broken furniture, repainting the haven, as well as cleaning up of storage rooms to make it easier to navigate supplies. We regularly visit the haven to play with the kids.
- Vaal Pets association which is a community project that was taken by a group of Honours Students to create a website for a loving lady that takes in stray pets within townships and nurses them until they are either taken into a home.
- Interact from 2009-2011 which is a charitable organisation which is associated with Rotary and was a major part in opening my eyes to judgement and sense of self.

■ ENTREPREUNERSHIP

- I was involved in creating websites :
 - The University Hockey Shop that sold equipment;
 - A local car dealership; and
 - An online store for a clothing brand and marketing manager.

■ ACADEMIC ACTIVITIES

- Student Facilitator
- PROJECTS

Year 2015

Description:

As part of the post graduate decision support and analysis module, I had to create a system that allowed for minimization of a set covering problem in order to determine what coffee shops should be built within five minutes walking distance from one another, while considering each of their setup costs.

Language used: C#

Role: Individual

Description:

In the module Data warehouse that is part of my post graduate studies at North-West University we were handed sample data of a business. Users needed to be able to browse the data, before this could be done several tasks needed to be completed. The tasks included:

Data cleaning;

Developing a database browser;

Deploying a data cube;

Performing MDX queries;

Generating pivot tables;

Develop a dashboard (Qlikview/SharePoint/PowerBI); as well as, developing a portal

Language used: C#

SQL Developer

SQL Server

Role: Team member

Description:

As part of the completion of my post graduate studies at the North-West University my research project pertains to the creation of a mobile application for medical professionals that allows for the capabilities to book appointments, consult patients on-the-go and to send prescriptions to pharmacists via email templates. Also, the use of a Raspberry Pi integrated to an RFID reader for patients to swipe a card and pull up their particulars in order to reduce paperwork and increase efficiency. This also includes a website for the mobile application.

Language used: Python, Swift and WordPress

Role: Individual

Year 2016

Description:

As part of the post graduate security module, my team developed a cross-platform encryption system for a computer program using Xamarin Mono to develop the PC application in C#, Android Studio to create an Android application and XCode using Swift to create the iOS application. The applications included the following encryption techniques:

Caesar substitution cipher;

Vigenère cipher;

Columnar transposition cipher; and

Vernam cipher.

Language used: Swift and C#

Role: Individual

Description:

As part of the post graduate security module, my team developed a cross-platform encryption system for a computer program using Xamarin Mono to develop the PC application in C#, Android Studio to create an Android application and XCode using Swift to create the iOS application. The applications included the following encryption techniques:

Caesar substitution cipher;

Vigenère cipher;

Columnar transposition cipher; and

Vernam cipher.

Language used: Swift and C#

Role: Individual

Description:

The Faculty of Languages within our university requested a program that made the tedious process of marking assignments easier by using an electronic rubric and class list that can then be used to mark individual/group assignments by creating reports and voice memos that can reviewed by the student.

Language used: C#

Role: Developer

Description:

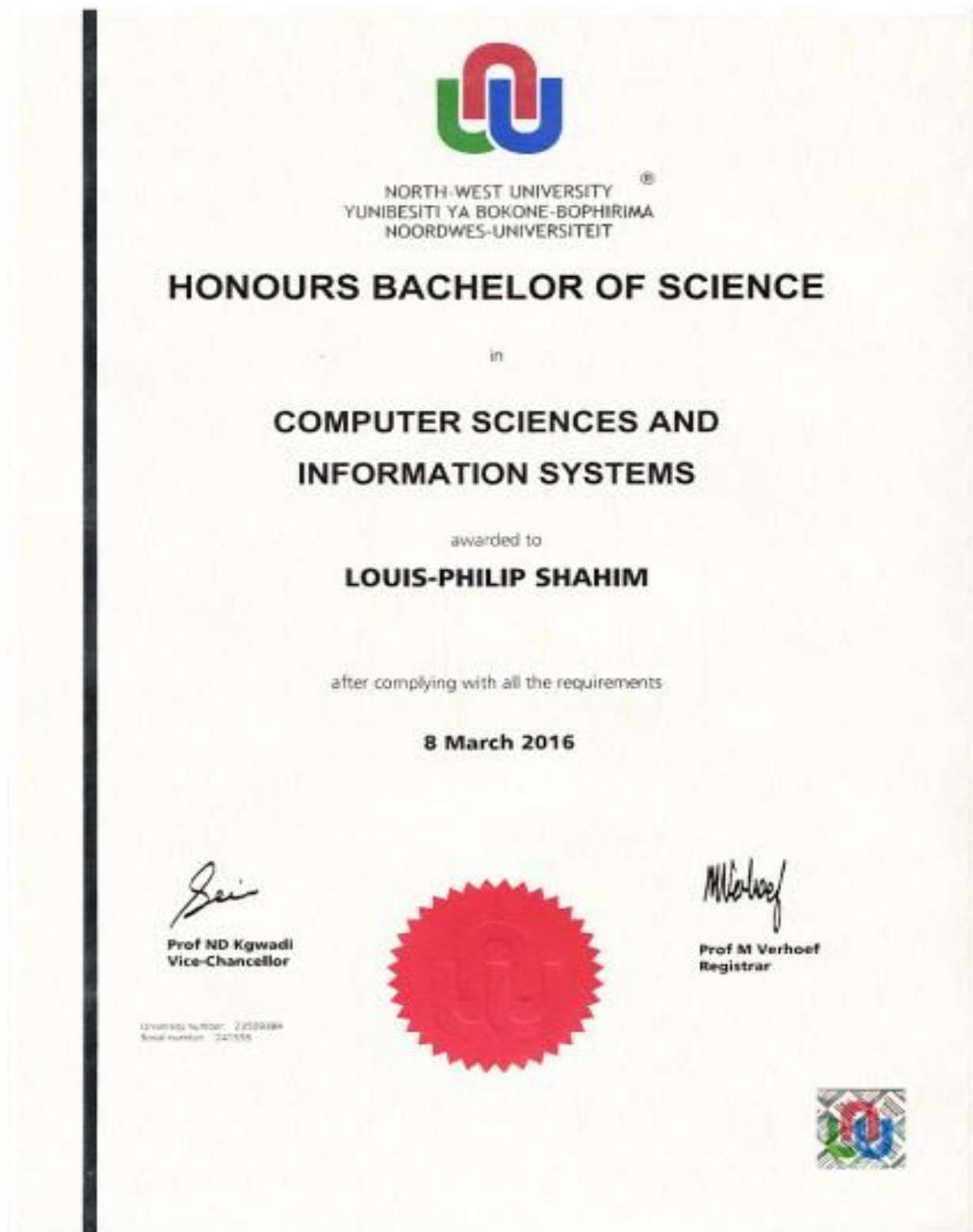
As part of my M.Sc. research, I am currently busy creating a program that uses a Leap Motion Controller to read users hand geometry and store biometrics using steganography techniques in order to make the biometrics cancellable.

Language used: C#

Role: Individual

APPENDIX

Degrees:





NORTH-WEST UNIVERSITY[®]
YUNIBESITHI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

awarded to

LOUIS PHILIP SHAHIM

after complying with all the requirements

Prof ND Kgwadi
Vice-Chancellor

17 March 2015

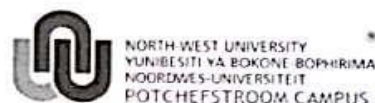
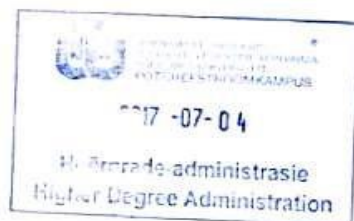


Prof M Verhoef
Registrar

University number: 23509384
Serial number: 215004

This is an English translation of the content of the original certificate issued in Afrikaans and conferred at a graduation ceremony held on 17 March 2015.

List of Modules Passed



Private Bag X6001, Potchefstroom
South Africa, 2520

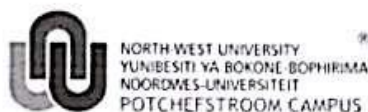
Tel: (018) 299-1111/2222
Web: <http://www.nwu.ac.za>

2017/07/04
Student number: 23509384 - 2012

CERTIFICATE OF MODULES PASSED

Herewith it is certified that **LOUIS PHILIP SHAHIM** during the year/years 2012, 2013, 2014, is/was enrolled for the qualification programme **BSC IN INFORMATION TECHNOLOGY, method of delivery FULL TIME** and passed the following modules

Year	Module	Module Type	Mark	Result
2012	ACCS 1 11 FINANCIAL ACCOUNTANCY (SPECIAL)	Ancillary subj 76		Distinction
	ACCS 1 11 FINANCIAL ACCOUNTANCY (SPECIAL)	Ancillary subj 76		Distinction
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	ACCS 1 11 FINANCIAL ACCOUNTANCY (SPECIAL)	Ancillary subj 76		Distinction
	ACCS 1 11 FINANCIAL ACCOUNTANCY (SPECIAL)	Ancillary subj 76		Distinction
	ACCS 1 11 FINANCIAL ACCOUNTANCY (SPECIAL)	Ancillary subj 76		Distinction
	ACCS 1 21 FINANCIAL ACCOUNTING (SPECIAL)	Ancillary subj 56		Passed
	ACCS 1 21 FINANCIAL ACCOUNTING (SPECIAL)	Ancillary subj 56		Passed
	ACCS 1 21 FINANCIAL ACCOUNTING (SPECIAL)	Ancillary subj 56		Passed
	ACCS 1 21 FINANCIAL ACCOUNTING (SPECIAL)	Ancillary subj 56		Passed
	ACCS 1 21 FINANCIAL ACCOUNTING (SPECIAL)	Ancillary subj 56		Passed
	ACCS 1 21 FINANCIAL ACCOUNTING (SPECIAL)	Ancillary subj 56		Passed
	AGLE 1 11 INTRODUCTION TO ACADEMIC LITER	Add module 0		Module Recogni
	AGLE 1 21 ACADEMIC LITERACY	Ancillary subj 52		Passed
	BMAN 1 11 INTROD TO MANAGEMENT AND MANAG	Ancillary subj 77		Distinction
	ITPW 1 12 INTRODUCTION TO COMPUTERS IFR	Core module 79		Distinction
	ITPW 1 23 GRAPHIC INTERFACE PROGRAMMING	Core module 78		Distinction
	ITPW 1 24 PROGRAMMING I	Core module 89		Distinction
	STTN 1 11 DESCRIPTIVE STATISTICS	Ancillary subj 78		Distinction
	STTN 1 21 INTRO STAT INFERENCE I	Ancillary subj 50		Passed
	WISN 1 11 INTRODUCTORY ALGEBRA AND ANALY	Ancillary subj 61		Passed
2013	BMAN 2 22 ENTREPRENEURIAL OPPORTUNITIES	Ancillary subj 65		Passed
	ITPW 2 11 COMPUTER SCIENCE	Core module 75		Distinction
	ITPW 2 11 COMPUTER SCIENCE	Core module 75		Distinction
	ITPW 2 11 COMPUTER SCIENCE	Core module 75		Distinction
	ITPW 2 12 COMPUTER SCIENCE	Core module 70		Passed
	ITPW 2 12 COMPUTER SCIENCE	Core module 70		Passed
	ITPW 2 12 COMPUTER SCIENCE	Core module 70		Passed
	ITPW 2 13 SYSTEMS ANALYSIS I	Core module 63		Passed



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	ITPW 2 13 SYSTEMS ANALYSIS I	Core module	63	Passed
	ITPW 2 13 SYSTEMS ANALYSIS I	Core module	63	Passed
	ITPW 2 14 COMPUTER SCIENCE	Core module	50	Passed
	ITPW 2 14 COMPUTER SCIENCE	Core module	50	Passed
	ITPW 2 14 COMPUTER SCIENCE	Core module	50	Passed
	ITPW 2 22 COMPUTER SCIENCE	Core module	71	Passed
	ITPW 2 22 COMPUTER SCIENCE	Core module	71	Passed
	ITPW 2 22 COMPUTER SCIENCE	Core module	71	Passed
	ITPW 2 25 SYSTEMS ANALYSIS AND DESIGN II	Core module	70	Passed
	WVNS 2 23 DISCRETE MATHEMATICS	Ancillary subj	65	Passed
	WVNS 2 11 UNDERSTANDING THE NATURAL WORLD	Ancillary subj	73	Passed
	WVNS 2 21 UNDERSTANDING THE NATURAL WORLD	Ancillary subj	76	Distinction
2014	ITPW 3 11 COMPUTER SCIENCE	Core module	64	Passed
	ITPW 3 11 COMPUTER SCIENCE	Core module	64	Passed
	ITPW 3 11 COMPUTER SCIENCE	Core module	64	Passed
	ITPW 3 13 COMPUTER SCIENCE	Core module	62	Passed
	ITPW 3 13 COMPUTER SCIENCE	Core module	62	Passed
	ITPW 3 13 COMPUTER SCIENCE	Core module	62	Passed
	ITPW 3 15 COMPUTER SCIENCE	Core module	78	Distinction
	ITPW 3 15 COMPUTER SCIENCE	Core module	78	Distinction
	ITPW 3 15 COMPUTER SCIENCE	Core module	78	Distinction
	ITPW 3 16 OPERATING SYSTEMS	Core module	66	Passed
	ITPW 3 17 COMPUTER SCIENCE	Core module	78	Distinction
	ITPW 3 21 COMPUTER SCIENCE	Core module	76	Distinction
	ITPW 3 21 COMPUTER SCIENCE	Core module	76	Distinction
	ITPW 3 21 COMPUTER SCIENCE	Core module	76	Distinction
	ITPW 3 22 COMPUTER SCIENCE	Core module	70	Passed
	ITPW 3 22 COMPUTER SCIENCE	Core module	70	Passed
	ITPW 3 22 COMPUTER SCIENCE	Core module	70	Passed
	ITPW 3 24 COMPUTER SCIENCE	Core module	59	Passed
	ITPW 3 24 COMPUTER SCIENCE	Core module	59	Passed
	ITPW 3 24 COMPUTER SCIENCE	Core module	59	Passed
	ITPW 3 25 DECISION SUPPORT SYSTEMS II	Core module	61	Passed

The abovementioned student formally satisfied all the requirements for the BSC IN INFORMATION TECHNOLOGY as at 2014/12/02 and it was/will be officially conferred to him/her on 2015/03/17.

Herewith it is certified that LOUIS PHILIP SHAHIM during the year/years 2015, is/was enrolled for the qualification programme HONSBSC IN COMPUTER SC & INFORM SYSTEMS, method of delivery FULL TIME and passed the following modules.



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NOORDWES UNIVERSITEIT
POTCHEFSTROOM CAMPUS

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South Africa, 2520


Tel: (018) 299-1111/2222
Web: <http://www.nwu.ac.za>

Year	Module	Module Type	Mark	Result
2015	ITRI 6 11 DATA WAREHOUSES I	Core module	73	Passed
	ITRI 6 13 DATABASES I	Core module	75	Distinction
	ITRI 6 14 INFORMATION SYSTEMS ENGINEERING	Core module	77	Distinction
	ITRI 6 18 DECISION SUPPORT SYSTEMS I	Core module	50	Passed
	ITRI 6 21 DATA WAREHOUSES II	Core module	79	Distinction
	ITRI 6 23 DATABASES II	Core module	69	Passed
	ITRI 6 24 INFORMATION SYSTEMS ENGINEERING	Core module	81	Distinction
	ITRI 6 28 DECISION SUPPORT SYSTEMS II	Core module	70	Passed
	ITRI 6 71 PROJECT I	Core module	76	Distinction

The abovementioned student formally satisfied all the requirements for the HONSBSC IN COMPUTER SC & INFORM SYSTEMS as at 2015/12/08 and it was/will be officially conferred to him/her on 2016/03/08.

Herewith it is certified that LOUIS PHILIP SHAHIM during the year/years 2016, is/was enrolled for the qualification programme MSC IN COMP SC, method of delivery FULL TIME and passed the following modules:

Year	Module	Module Type	Mark	Result
2016	ITPW 8 76 ARTIFICIAL INTELLIGENCE	Ancillary subj	71	Passed
	ITPW 8 78 ARTIFICIAL INTELLIGENCE	Ancillary subj	71	Passed
	ITPW 8 78 ARTIFICIAL INTELLIGENCE	Ancillary subj	71	Passed
	ITPW 8 85 COMPUTER SECURITY	Ancillary subj	73	Passed
	KSWW 8 11 RESEARCH METHODOLOGY	Core module	62	Passed


REGISTRAR





REPUBLIC OF SOUTH AFRICA

National Senior Certificate

Awarded to

Louis-Philip Shahim

Identity number 9311065083083

Subject	%	Achievement level
English Home Language	79	6
Afrikaans First Additional Language	76	6
Mathematics	77	6
Life Orientation	83	7
Information Technology	79	6
Life Sciences	77	6
Physical Sciences	65	5
.....	***	*

This candidate is awarded the National Senior Certificate and has met the minimum requirements for admission to bachelor's degree, diploma or higher certificate study as gazetted for admission to higher education, subject to the admission requirements of the higher education institution concerned.

With effect from December 2011

M. S. Rakometsi

Chief Executive Officer

This certificate is issued without alterations or erasure of any kind

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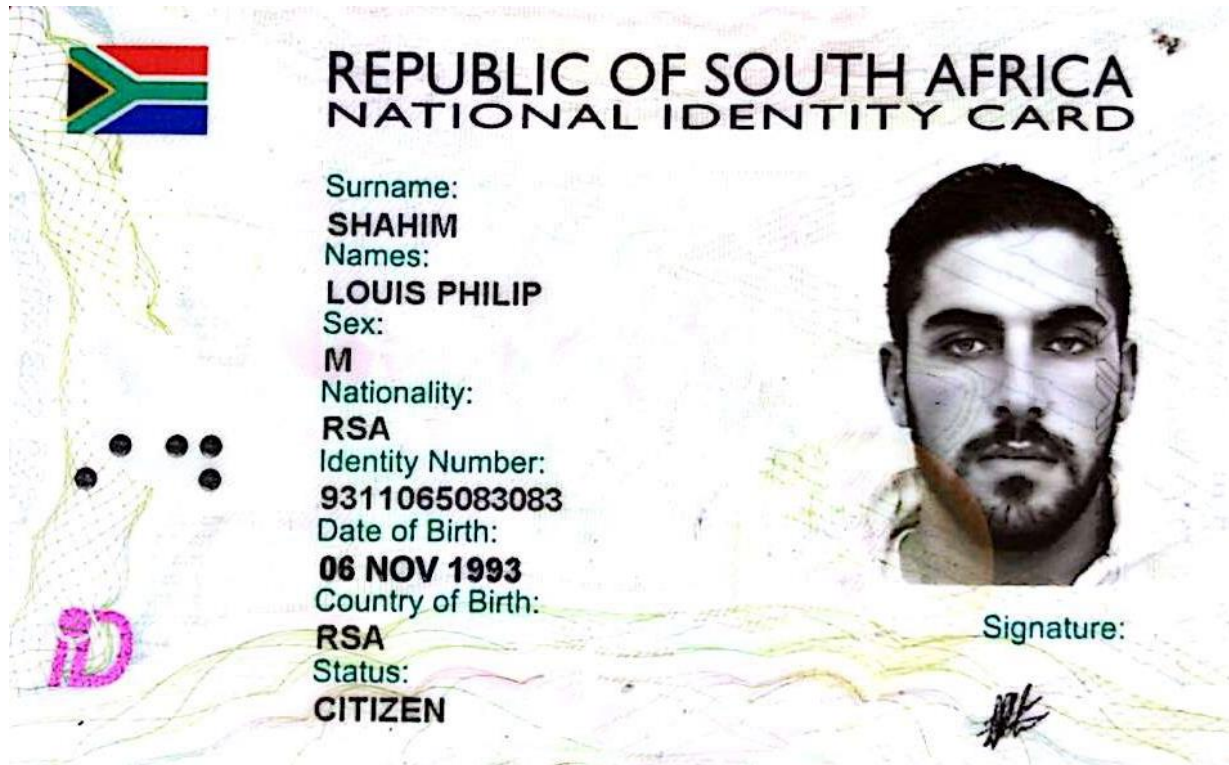




**Council for Quality Assurance in
General and Further Education and Training
South Africa**

(See reverse for more information)

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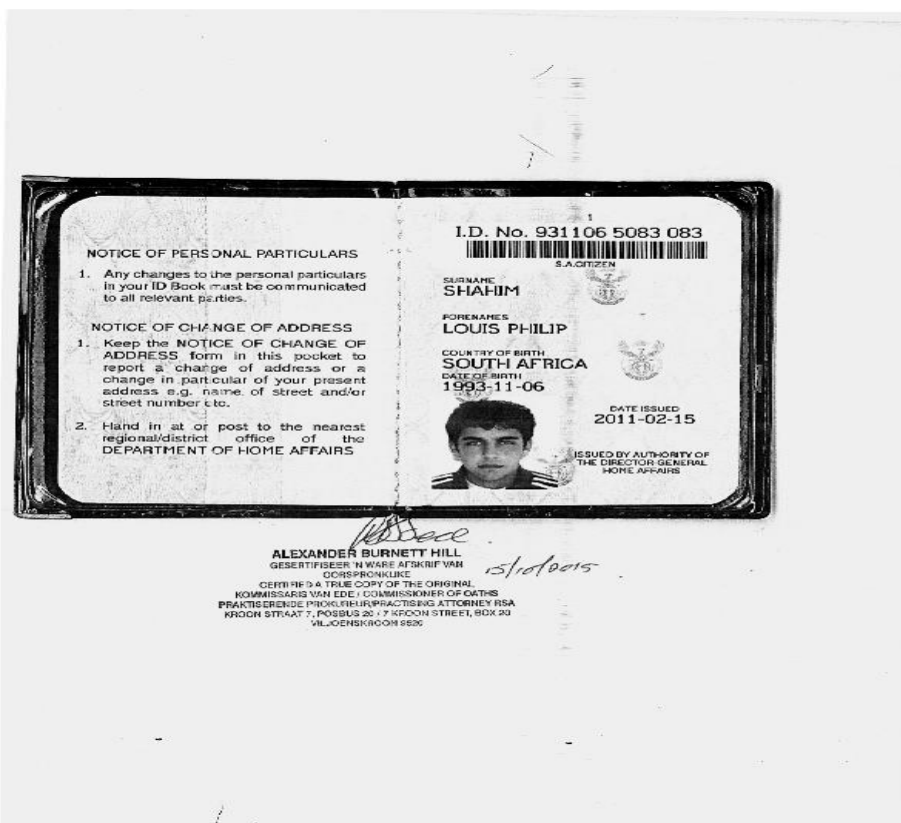


The image shows the front of a South African National Identity Card. On the left is the South African flag. To its right, the text reads: **REPUBLIC OF SOUTH AFRICA** and **NATIONAL IDENTITY CARD**. Below this, the cardholder's details are listed: Surname: **SHAHIM**, Names: **LOUIS PHILIP**, Sex: **M**, Nationality: **RSA**, Identity Number: **9311065083083**, Date of Birth: **06 NOV 1993**, Country of Birth: **RSA**, Status: **CITIZEN**. A portrait of a man with a beard is on the right. Below the portrait is a signature. In the bottom left corner, there is a pink 'ID' logo and a small graphic of four black dots.

REPUBLIC OF SOUTH AFRICA
NATIONAL IDENTITY CARD

Surname:
SHAHIM
Names:
LOUIS PHILIP
Sex:
M
Nationality:
RSA
Identity Number:
9311065083083
Date of Birth:
06 NOV 1993
Country of Birth:
RSA
Status:
CITIZEN

Signature:



The image shows the back of a South African National Identity Card. It features two notices on the left: 'NOTICE OF PERSONAL PARTICULARS' and 'NOTICE OF CHANGE OF ADDRESS'. On the right, it displays the cardholder's details: I.D. No. 931106 5083 083, Surname: **SHAHIM**, Forenames: **LOUIS PHILIP**, Country of Birth: **SOUTH AFRICA**, Date of Birth: **1993-11-06**, and Date Issued: **2011-02-15**. A small portrait of the cardholder is at the bottom left. Below the card, there is a signature and a stamp from Alexander Burnett Hill, a Notary Public, dated 15/10/2015. The stamp also mentions 'CERTIFIED TRUE COPY OF THE ORIGINAL' and 'KOMMISSARIS VAN EDE / COMMISSARIS VAN EDE'.

NOTICE OF PERSONAL PARTICULARS
1. Any changes to the personal particulars in your ID Book must be communicated to all relevant parties.

NOTICE OF CHANGE OF ADDRESS
1. Keep the NOTICE OF CHANGE OF ADDRESS form in this pocket to report a change of address or a change in particular of your present address e.g. name of street and/or street number etc.
2. Hand in at or post to the nearest regional/district office of the DEPARTMENT OF HOME AFFAIRS

I.D. No. 931106 5083 083
S.A. CITIZEN
SURNAME
SHAHIM
FORENAMES
LOUIS PHILIP
COUNTRY OF BIRTH
SOUTH AFRICA
DATE OF BIRTH
1993-11-06
DATE ISSUED
2011-02-15
ISSUED BY AUTHORITY OF
THE DIRECTOR GENERAL
HOME AFFAIRS

ALEXANDER BURNETT HILL
GESERTIFISEERDE WAARE AFKRIJF VAN
NOTARIS
CERTIFIED TRUE COPY OF THE ORIGINAL
KOMMISSARIS VAN EDE / COMMISSARIS VAN EDE
PRAKTYSGENOTE PROKURER-PRAKTISEREND ATTORENIEN RSA
KROON STRAAT 7, POSTBUS 2017 KROON STREET, BOX 20
VILJOENSBURG 1905

15/10/2015